

ALL CLAIMS IN THE CASE

[illegible]

a²

1 1. Method for representing any business process or
2 processes as a set or sets of tuples, comprising the steps
3 of:
4 defining each of a plurality of processes as a 3-tuple
5 including a noun, a verb and an attribute; and
6 displaying a selected process as a point in navigation
7 space.

1 2. The method of claim 1, further comprising the steps of:
2 displaying selection lists, including a noun selection
3 list, a verb selection list and an attribute selection
4 list;
5 responsive to user selection of a 3-tuple including
6 noun, a verb and an attribute from said selection
7 lists, highlighting the point in navigation space
8 corresponding to said 3-tuple.

a³⁹ 3. The method of claim 1, further comprising the steps of:

10 responsive to user selection of a zoom in action in
11 connection with a selected process point, determining
12 if said selected process point is zoomable; and, if so

13 highlighting in a new navigation space the process
14 points referenced by selected process point
15 definitions;

16 said zoom actions displaying within nested navigation
17 space logical changes in context for navigating said
18 process space to explore or define business processes.

1 4. The method of claim 3, further comprising the steps of:
2 responsive to user selection of a zoom out action in
3 connection with a selected process point, determining
4 if said selected process point is zoomable; and, if so
5 highlighting in a new navigation space the zoomed to
6 process point.

1 5. The method of claim 1, further comprising the steps of:
2 responsive to user selection of a create process
3 action, accepting and storing a 3-tuple and process

4 definition in a database of 'generally represented
5 business processes.

1 6. The method of claim 5, further comprising the steps of:
2 responsive to user selection of a process edit action
3 in connection with a selected process, displaying the
4 process definition corresponding to said selected
5 process for editing said selected process by said user.

1 7. The method of claim 5, further comprising the steps of:
2 responsive to user selection of a run process action in
3 connection with a selected process from within the
4 context of all other defined business processes for an
5 organization in a multi-dimensional process space,
6 executing said process.

1 9. System for representing any business process or
2 processes, comprising:
3 a store containing for each of a plurality of said
4 processes a 3-tuple including a noun, a verb and an
5 attribute; and

6 a display operable to display a selected process as a
7 point in navigation space.

1 10. A program storage device readable by a machine,
2 tangibly embodying a program of instructions executable by a
3 machine to perform method steps for representing any
4 business processes, said method steps comprising:

5 defining each of a plurality of said processes as a 3-
6 tuple including a noun, a verb and an attribute; and

7 displaying a selected process as a point in navigation
8 space; said point representing logical changes in
9 context of said navigation space for exploring or
10 defining business processes.

1 11. An article of manufacture comprising:

2 a computer usable medium having computer readable
3 program code means embodied therein for displaying
4 representations of any business processes, the computer
5 readable program means in said article of manufacture
6 comprising:

7 computer readable program code means for causing a

8 computer to effect defining each of a plurality of said
9 processes as a 3-tuple including a noun, a verb and an
10 attribute; and

11 computer readable program code means for causing a
12 computer to effect displaying a selected process as a
13 point in navigation space; said process point
14 representing logical change in context of said
15 navigation space for exploring or defining business
16 processes.

12. Method for representing any business processes
comprising the steps of:

3 defining each of a plurality of processes as a 3-tuple
4 including a noun, a verb and an attribute; and
5 displaying a selected process as a process point in
6 navigation space; and

7 nesting a first navigation space in a process point in
8 a second navigation space, said process points
9 representing logical changes in context of said
10 navigation spaces for exploring or defining business
11 processes.

Rel.
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1 ~~12~~ 13. The method of claim 12, further comprising the step of
2 displaying said first and second navigation spaces in two
3 panels within a window display.

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1 ~~13~~ 14. The method of claim 13, further comprising the step of
2 displaying within each said navigation space a noun list, a
3 verb list, and an attribute list.

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1 ~~14~~ 15. The method of claim 14, further comprising the step of
2 highlighting a point in each panel together with the
3 corresponding entries in said lists defining the noun, verb
4 and attribute dimensions of said highlighted point.

1 ~~15~~ 16. The method of claim 12, further comprising the step of
2 enabling a user to traverse nested navigation space.

Rel.
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1 ~~16~~ 17. The method of claim 12, further comprising the step of
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4 enclosing a process space within a plurality of process
5 points.

1 ~~17~~ 18. Method for defining any current and future processes of
2 an organization in a manner which facilitates understanding,
3 use and change, comprising the steps of:

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2 tangibly embodying a program of instructions executable by a
3 machine to perform method steps for representing business
4 processes, said method steps comprising

5 defining each of a plurality of processes as a 3-tuple
6 including a noun, a verb and an attribute; and

7 displaying a selected process as a process point in
8 navigation space; and

9 nesting a first navigation space in a process point in
10 a second navigation space;

11 said process points representing logical changes in
12 context of said navigation space for exploring or
13 defining business processes.

1 27-22
50. A program storage device readable by a machine,
2 tangibly embodying a program of instructions executable by a
3 machine to perform method steps for delivering workflow
4 solutions that are immediately useful for customers and
5 readily modified by said customers, said method steps
6 comprising:

7 providing to a customer a generic business process

8 representation including a set of points in n-
9 dimensional space, each point including at least one
10 verb dimension, at least one noun dimension, and at
11 least one attributes dimension; and

12 enabling said customer by selecting a said point to
13 modify said representation for the process represented
14 by said point by selectively adding, deleting and
15 changing a set of actions representing said verb
16 dimension, a set of managed resource objects
17 representing said noun dimension, and a set of
18 expressions representing said attributes dimension,
19 each said expression being capable of evaluation to a
20 Boolean value.

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1 51. A program storage device readable by a machine,
2 tangibly embodying a program of instructions executable by a
3 machine to perform method steps for capturing in workflow
4 solutions the policies a business uses to guide its
5 activities, said method steps comprising:

6 visually displaying in a display panel a navigation
7 space and a plurality of scrollable lists including a
8 noun list, a verbs list and an attributes list;

9 responsive to selection of a noun list entry, a verbs
10 list entry, and an attributes list entry, highlighting
11 in said navigation space a point representing a process
12 tuple;

13 responsive to selection of two entries from two of said
14 lists, highlighting in said navigation space a
15 highlighted plane of points representing process tuples
16 for all entries in the list not selected;

17 responsive to selection of a highlighted point
18 displaying the definition the process represented by
19 said highlighted point.

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52. A program storage device readable by a machine,
53 tangibly embodying a program of instructions executable by a
54 machine to perform method steps for making known within an
55 overall business context processes impacted by a policy,
56 said method steps comprising:

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10 in n-dimensional space, each said point being a process
11 tuple having a verb dimension, a noun dimension, and an
12 attributes dimension;

13 responsive to selection of a policy in said attributes
14 list, highlighting in said navigation space all process
15 tuples representing process points including said
16 policy.

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3A 25
1. A program storage device readable by a machine,
2 tangibly embodying a program of instructions executable by a
3 machine to perform method steps for enabling understanding
4 of the mechanisms, interactions and inter-relationships of a
5 business process, said method steps comprising:

6 representing said business process as a set of points
7 in n-dimensional space including at least one verb
8 dimension, at least one noun dimension, and at least
9 one attributes dimension;

10 navigating said space by selecting and opening a
11 process point to display another process
12 representation; and

13 extending said space selectively by redefining said

14 dimensions and grouping scalar definitions into super
15 scalar values.

24 24
1 24. A program storage device readable by a machine,
2 tangibly embodying a program of instructions executable by a
3 machine to perform method steps for defining current and
4 future processes of an organization in a manner which
5 facilitates understanding, use and change, said method steps
6 comprising:

7 providing a business process representation including a
8 set of points in n-dimensional space, each point
9 including at least one verb dimension, at least one
10 noun dimension, and at least one attributes dimension;
11 said process points representing logical changes in
12 context of said space for exploring or defining
13 business processes; and

14 selecting a said point selectively to view, modify or
15 execute the business process represented by said point.

27 27
16 27. System for representing any business processes
17 comprising:

18 means for defining each of a plurality of processes as

19 a 3-tuple including a noun, a verb and an attribute;

20 means for displaying a selected process as a process
21 point in navigation space; said process point
22 representing logical changes in context of navigation
23 space for exploring or defining business processes.;
24 and

25 means for nesting a first navigation space in a process
26 point in a second navigation space.

1 59. System for defining any current and future processes of
2 an organization in a manner which facilitates understanding,
3 use and change, comprising the steps of:

4 means for providing a business process representation
5 including a set of points in n-dimensional space, each
6 point including at least one verb dimension, at least
7 one noun dimension, and at least one attributes
8 dimension; said points representing logical changes in
9 context of navigation space for exploring or defining
10 business processes; and

11 means for selecting a said point selectively to view,
12 modify or execute the business process represented by

one



said point.

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